

Figure 1 shows the typical  $\log \sigma$  vs.  $\log \dot{\epsilon}$  curves for the 1000°C annealed 6061-T6 aluminum alloy. The curves are plotted for various temperatures and strain rates. The curves show that the flow stress increases with increasing temperature and decreasing strain rate. The curves are also plotted for various grain sizes, showing that the flow stress increases with decreasing grain size.

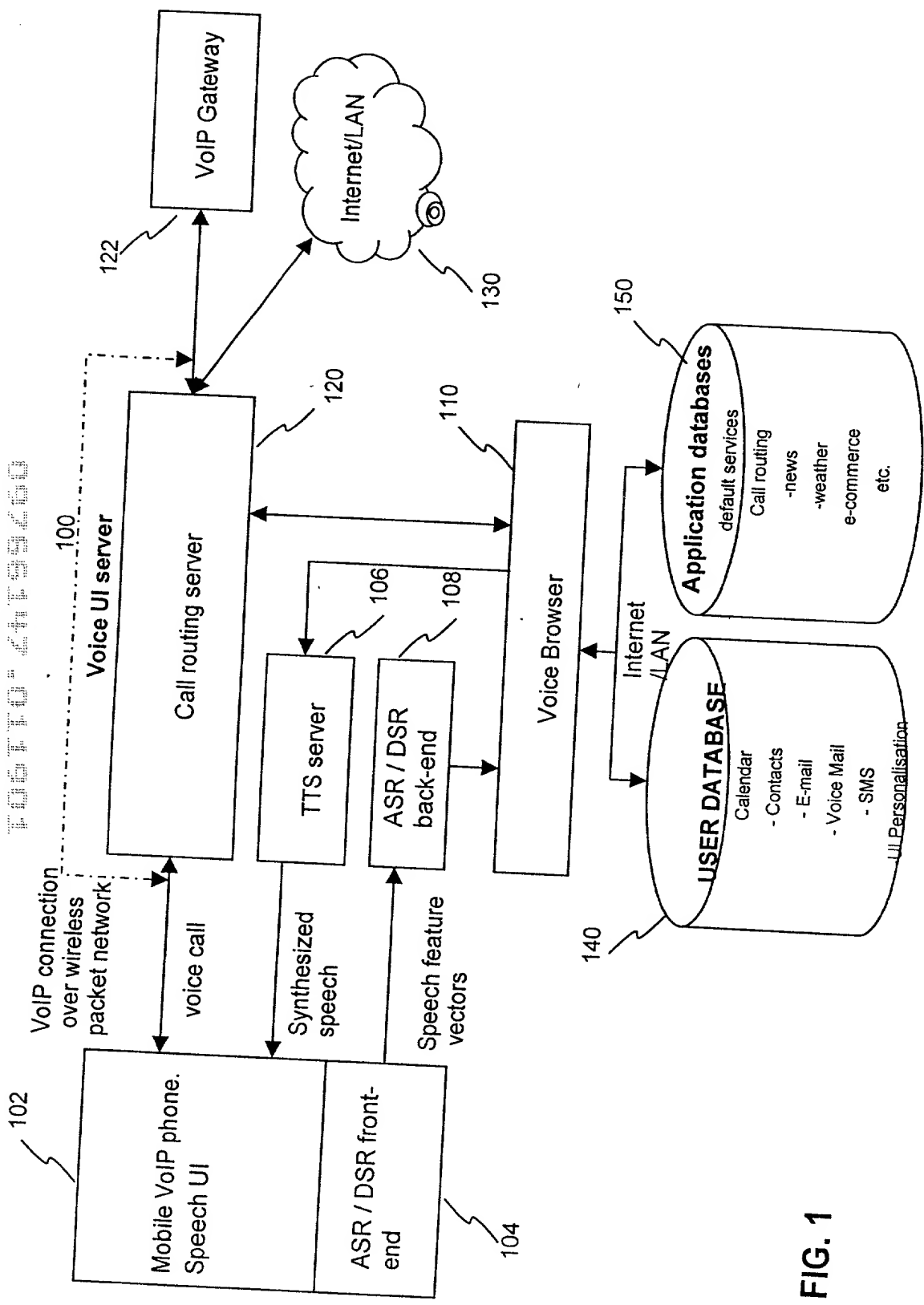


FIG. 1